



U.S.S. YARNAL

S.S. Yarnall.

# **3. DESTROYER N° 143.**

ALTERATIONS		
NAVY YARD - PUGET SOUND - WASH.		
DATE	DESCRIPTION	APPROVED
8-8-23	<p>4" R.F. GUN &amp; AA GUN RELOCATED.          VENT COWL, SEARCHLIGHT &amp; FIRE CONTROL PLATFORM,          STUB MAST ADDED.          AUX. RADIO ROOM, ANTENNA, STUB MAST RIGGING, AFTER          DECK HOUSE, AFTER DECK HOUSE STANTIONS ALTERED.          DATA SHEET CHANGED.</p>	<i>[Signature]</i>
	<p>NUMBER AND ORDER OF PLATES</p> <p>GENERAL DIMENSIONS &amp; DATA, INCLUDING TABLES          OF D. I. AND C. S. DIMENSIONS</p> <p>DECKHOUSE PLATE</p> <p>HEAD PROFILE</p> <p>MAIN SECTION</p> <p>END SECTION</p> <p>UPPLATE OR BRIDGE ELEVATION TOP PLATE EX. DECKHOUSE</p> <p>END</p> <p>CROSS SECTIONS</p> <p>WINDSHIELD SECTION</p>	

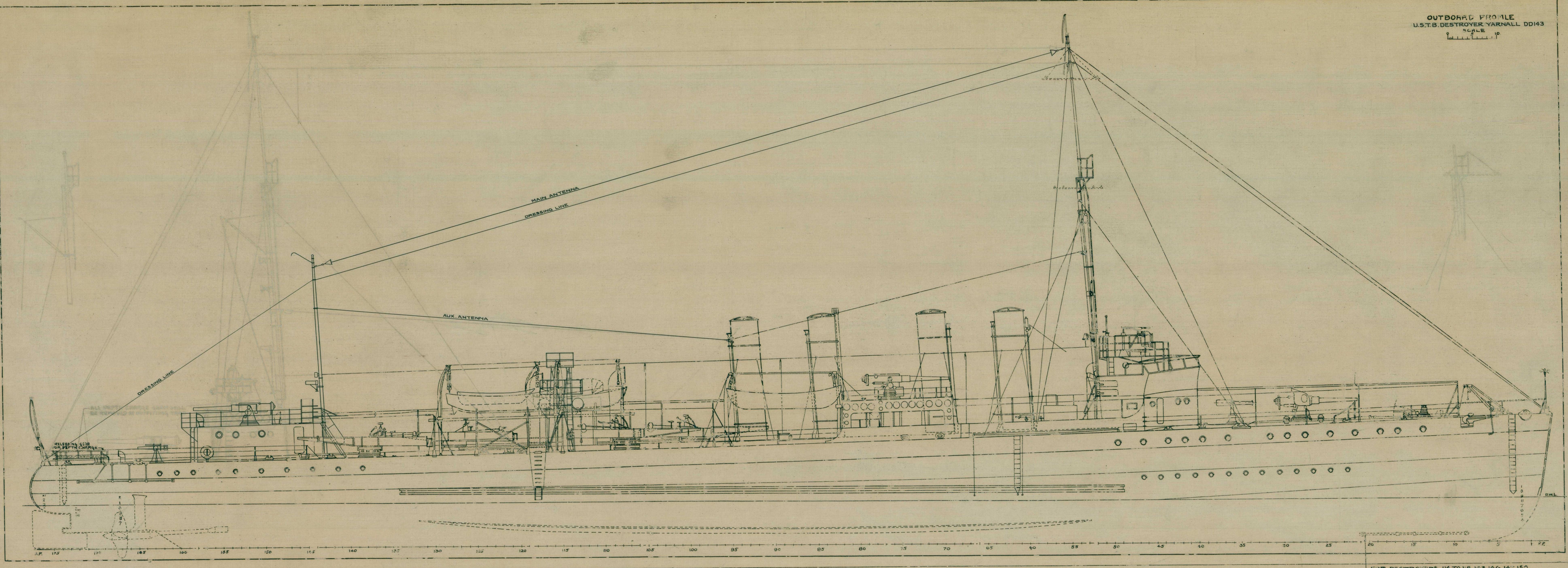
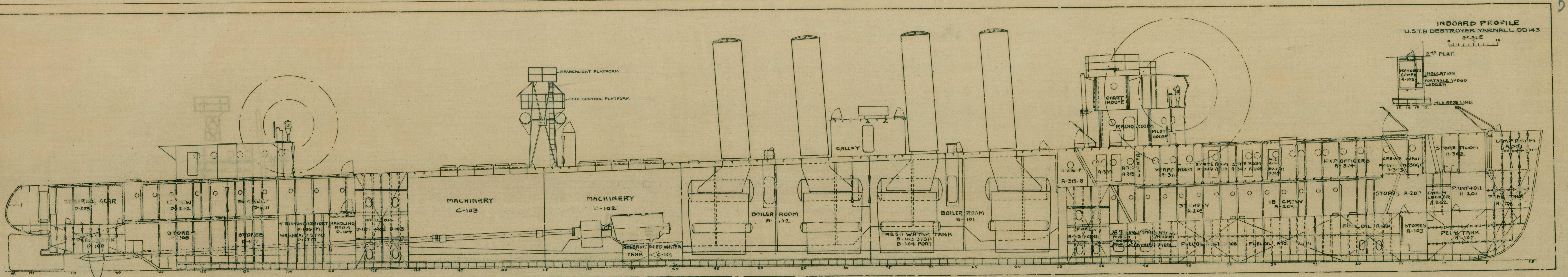
PLAN NO. 42  
BOOKLET  
OF  
GENERAL PLANS

U.S.S. YARNALL		15' FOR OF M.P. (FR. 88 2/3) 9'-0 1/2" DRAFT	1.08
TBD. NO 143		TRANSVERSE METACENTER ABOVE CB (9'-0 1/2" DRAFT)	388
GENERAL INFORMATION (ORIGINAL DESIGN DATA FOR ACTUAL CONDITIONS SEE INCLINING EXPERIMENT.		LONGITUDINAL METACENTER ABOVE CB (9'-0 1/2" DRAFT)	760
LENGTH BETWEEN PERPENDICULARS		COEFFICIENT OF FINENESS BLOCK	473
PROJECTION FORWARD OF F.P.		COEFFICIENT OF FINENESS MIDSHIP SECTION	753
PROJECTION AFT OF AP		COEFFICIENT OF FINENESS D.N. PLANE	680
LENGTH OVERALL		COEFFICIENT OF FINENESS CYLINDRICAL	628
LENGTH ON D.W.L (9'-0 1/2")		WING SHAFTS INCLINE DOWN 3° AFT AT ANGLE OF	2° 45' 34"
LENGTH OF STRAIGHT KEEL		WING SHAFTS DIVERGE FROM 4° OF SHIP AFT AT ANGLE OF 1° 16' 12"	
BREADTH, MOLDED, EXTREME		4° OF WING SHAFTS AT BHD. 93 FROM 4° OF SHIP	5'-1"
BREADTH, EXTREME OVER PLATING		8° OF WING SHAFTS AT FR. 168 FROM 4° OF SHIP	7'-9"
BREADTH, EXTREME OVER FENDERS		9° OF WING SHAFTS ABOVE BOTTOM OF KEEL AT BHD. 93	3'-5 1/2"
BREADTH OVER PLATING AT 9'-0 1/2" D.W.L		9° OF WING SHAFTS ABOVE BOTTOM OF KEEL AT FR. 168	2'-9 1/2"
DEPTH, MOLDED, MAIN DK AT SIDE AT MR (FR. 28 1/2)		WING SHAFTS RAKE DOWN 5 1/2° PER FT. OUT 26604 PER FT	
DEPTH ABOVE BOTTOM OF KEEL (COMPACT DISPLACEMENT)		WING SHAFTS MEET ON 4° 19' ABOVE BOTTOM OF KEEL AT 56-03' FWD. OF AP	
RATIO OF LENGTH TO BEAM		WING SHAFTS CROSS BOTTOM OF KEEL 43-02' AFT OF AP	
TRAIL DISPLACEMENT		PARSONS TURBINES CONNECTED TO TWO SETS OF REDUCTION GEARS. AFT GEAR DRIVING STARBOARD SHAFT AND FORWARD GEAR PORT SHAFT. EACH REDUCTION GEAR DRIVEN BY ONE H.P. AHEAD TURBINE AND ONE L.P. AHEAD AND ASTERN TURBINE.	
ACTUAL DISPLACEMENT TO D.W.L (9'-0 1/2")		15 PWS. 3 BLADED - STARBOARD	RIGHT HAND
ESTIMATED RESERVE FEED WATER F.W.		PORT	LEFT HAND
TONS 24.23		DIA. 110 INCHES	PITCH 122 INCHES
GAL.S. 18980.		DISK AREA 3583.3 SQ INS.	AREA EXCLUDED 6257.0 SQ INS
DISPLACEMENT PER INCH AT D.W.L (9'-0 1/2")		AREA PROJECTED 5223 SQ INS	
AREA OF MIDSHIP SECTION TO D.W.L (9'-0 1/2")		CENTER OF SCREWS FWD. OF AP	18'-10 5/8"
AREA OF DW.PLANE (9'-0 1/2")		RUDDER AXIS FWD. OF AP	6'-4 1/2"
AREA OF WETTED SURFACE TO D.W.L (9'-0 1/2")			
CB OF DW.PLANE AFT OF M.P. (FR. 88 2/3)			
CB ABOVE BOTTOM OF KEEL (9'-0 1/2" DRAFT)			
AFT END OF BEARING WING TUBES 5 1/2" FWD. 154. 40-11 1/2" FWD. OF AP		STRUTS & FORD OF AP (1/2" FWD. 165.)	21-3 1/2"
4-WHITE FORESTER (BUILT BY B & W CO)			
HEATING SURFACE			
DIAMETER OF MAIN STEAM PIPE BETW ENGINE & BOILER ROOM (TWO)			50 FT. 2
DIAMETER OF STEAM PIPES FROM EACH BOILER			10 1/2'
SMOKE PIPE ABV DWL			7 1/2'
FWD. 39-1			FWD. 39-1
BOILERS			
COMPLEMENT			PRESSURE 265
1 SPECIAL BRANCH			
4 COMMISSARY BRANCH			
42 MESSMENS BRANCH			
39 ARTIFICER BRANCH			
BATTERY			
4" RAPID FIRE GUNS			2" TRIPLE TORPEDO TUBES
1 MAIN DK AT 4° 3" FWD. OF FR 28			1 MAIN DK. PORT. 5 1/2" AFT OF FR 28
1 DK HOUSE TOP & FR 152			1 MAIN DK. STBD. 7 "
2 ON TOP OF GALLEY DK HOUSE 3" AFT. FR 76			1 MAIN DK. PORT. 9 "
ONE POR. AUTOMATIC AIR CRAFT GUNS			1 MAIN DK. STBD. 12 "
1 MAIN DK & FR 163			
FIRE PLUGS			SMALL BOATS
NO. LOCATION			TYPE
5 MAIN DECK			24 FT. MOTOR SAILING LA
1 1ST PLATFORM			24 FT. WHALE BOAT
1 2ND PLATFORM			21 FT. MOTOR DORY
TOTAL NO FIRE PLUGS - 7			14 FT. WHERRY
10 FT. PUNT			10 FT. PUNT

MARKS	CHARGE	ORDER DATE	COMPLETION FOR ERCTION
		3/27/19	95
		3/27/19	95
		3/27/19	95
		3/27/19	95
		7/16/18	
		7/16/18	
		3/20/18	

TANK	COMPARTMENT - A-106	FUEL OIL TANK	COMPARTMENT - A-115	COFFERDAM	COMPARTMENT - A-116																																
		AS TOTAL CAP = 6045 GAL.																																			
		295.0 GAL. = 1 TON																																			
		299.0 GAL. = 1 TON																																			
LONS	S'DG GALLONS	S'DG GALLONS	S'DG GALLONS	CU.FT.	S'DG GALLONS	S'DG GALLONS	S'DG GALLONS	CU.FT.	S'DG GALLONS	S'DG GALLONS	CU.FT.																										
590	6'0"	3100	50'	4738	0'0"	3020"	3650"	1066	6'0"	3016	8'0"	3019	10'0"	2495	12'0"	517	7'5	6191	6'0"	2474'0"	864	6'0"	1600	5'0"	2449	10'0"	300	12'0"	422	14'5"	5132						
398	1	2168	1	4816	1	39	1	388	1	1192	1	2057	1	3062	1	4132	1	5215	1	6232	1	1.3	31	386	1	892	1	1642	1	2480	1	3373	1	4290	1	5221	
708	2	3236	2	1980	2	21	2	412	2	1133	2	2094	2	3106	2	4180	2	5259	2	6213	2	285	2	327	2	921	2	1683	2	2514	2	3711	2	4924	2	5253	
765	3	3305	3	1943	3	56	3	936	3	1171	3	2140	3	3150	3	4221	3	5303	3	6314	3	3	31	3	300	3	152	3	1710	3	2556	3	3749	3	4850	3	5295
325	4	3375	4	1005	4	65	4	801	4	1213	4	2181	4	3145	4	4271	4	5349	4	6353	4	3	31	4	380	4	103	4	1263	4	2593	4	405	4	5333		
385	5	3444	5	5066	5	73	5	437	5	1252	5	2223	5	3239	5	4516	5	5390	5	6396	5	4	48	5	401	5	101	5	1778	5	2630	5	3525	5	413	5	5370
398	6	3514	6	5126	6	82	6	512	6	1290	6	2359	6	3283	6	4361	6	5434	6	6410	6	3	35	6	42	6	104	6	1842	6	2666	6	3663	6	4192	6	5497
206	7	3584	7	5137	7	91	7	537	7	1328	7	2305	7	3327	7	4806	7	5478	7	6416	7	6	7	449	7	1008	7	1836	7	2702	7	3607	7	4131	7	5445	
385	8	3653	8	5240	8	99	8	523	8	1367	8	2247	8	3321	8	4151	8	5521	8	6521	8	8	83	8	445	8	1020	8	1861	8	2739	8	3639	8	4560	8	5483
125	9	3725	9	5294	9	103	9	588	9	1005	9	2288	9	3415	9	4490	9	6565	9	81	9	687	9	1138	9	1916	9	2727	9	3673	9	4597	9	5520			
186	10	3797	10	5347	10	117	10	612	10	1443	10	2429	10	3750	10	4542	10	5609	10	91	10	508	10	1159	10	1950	10	2813	10	3715	10	4638	10	5637			
28	11	3867	11	5400	11	128	11	640	11	1482	11	2470	11	3509	11	4587	11	5652	11	100	11	529	11	1139	11	1784	11	2850	11	3754	11	4676	11	5695			
311	7'0"	3437	TOTAL CAP	5400	1'0"	141	3'0"	604	5'0"	1541	4'0"	2512	4'0"	3548	11'0"	4632	13'0"	5656	12'0"	111	3'0"	552	5'0"	1210	7'0"	2019	9'0"	2886	11'0"	3791	13'0"	4713	5'0"	5483			
375	1	4007			1	156	1	699	1	1561	1	2554	1	3793	1	4627	1	5739			1	123	1	374	1	1250	1	2053	1	2924	1	3630	1	4170	1	5380	
440	2	4076			2	172	2	730	2	1503	2	2596	2	3630	2	4732	2	6781			2	176	2	603	2	1282	2	2089	2	3961	2	5868	2	4793	2	5797	
505	3	4145			3	190	3	763	3	1694	3	2638	3	3683	3	4767	3	5822			3	151	3	628	3	131	3	2126	3	2999	3	3426	3	4331	3	5393	
570	4	4214			4	209	4	795	4	1685	4	2681	4	3724	4	4312	4	7863			4	167	4	655	4	1131	4	2132	4	3026	4	3945	4	4850	4	5792	
635	5	4282			5	228	5	829	5	1727	5	2723	5	3774	5	4857	5	5904			5	183	5	620	5	1379	5	2196	5	3073	5	3909	5	5620			
700	6	4350			6	247	6	862	6	1768	6	2765	6	3810	6	4902	6	5948			6	199	6	706	6	111	6	2253	6	3110	6	4021	6	4998	6	5857	
761	7	4412			7	266	7	845	7	1809	7	2807	7	3863	7	4947	7	5780			7	215	7	733	7	1446	7	2269	7	3148	7	4061	7	2123	7	5894	
832	8	4486			8	285	8	926	8	1351	8	2844	8	3909	8	4492	8	6021			8	233	8	656	8	1471	8	2303	8	3186	8	5067	8	2147	8	5932	
893	9	4551			9	303	9	961	9	1812	9	2891	9	3954	9	5037	9	6048			9	247	9	785	9	1007	9	2340	9	3223	9	3156	9	5066	9	5722	
965	10	4621			10	322	10	993	10	1753	10	2930	10	4000	10	5082	10	6109			10	262	10	810	10	1244	10	2876	10	3261	10	4173	10	5102			
1032	11	4687			11	343	11	1030	11	1975	11	2975	11	4045	11	5127	11	6150			11	279	11	831	11	1575	10	2110	11	3298	11	4212	11	5143			

PERK TANK				PERK TANK M				64 LBS = 1 C.U.FT.				BILGES				32 C.U.FT. = 1 TON																																		
62.5LBS/CUFT COMP. H-102		33.84CUFT-1TON		62.5LBS/CUFT COMP. C-109		33.84CUFT-1TON		4-103		A-109-M		A-110-M		A-112-M		D-105-M		D-105-M		D-108		B-101		B-102		C-102																								
ONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS	SDG	TONS																								
3.00	15.0	3.31	0	2.04	3.0	2.35	6.0	6.30	0	.07	3.0	2.33	0	7.66	0	0	0	0	0	0	0	0	0	0	0	0	0																							
3.15	1	.34	1	2.25	1	6.41	1	1.03	1	.10	2.41	1	.07	1	2.41	1	.07	1	.01	1	.01	1	.01	1	.01	1	.01																							
3.15	2	4.37	2	2.56	2	6.72	2	1.16	2	.12	2.58	2	.29	2	8.29	0	.09	0	.00	0	.00	0	.00	0	.00	0	.00	0	.00																					
3.16	3	4.41	3	.12	3	5.7	3	3.64	3	11.24	3	.17	2	2.6	3	8.51	1	.01	1	.01	1	.01	1	.01	1	.01	1	.01	1	.01																				
3.20	4	4.44	4	.15	4	2.77	4	6.76	4	.20	4	2.77	4	.64	2	2.02	2	.04	2	.02	2	.02	2	.02	2	.02	2	.02	2	.02																				
3.25	5	4.47	5	.10	5	2.88	5	6.80	5	11.55	5	.24	5	2.33	5	8.78	3	.03	3	.15	3	.03	3	.03	3	.03	3	.03	3	.03	3	.03																		
3.26	6	4.51	6	.25	6	2.92	6	7.00	6	11.58	6	.28	6	3.00	5	10.1	4	.04	4	.24	4	.02	4	.05	4	.06	4	.06	4	.06	4	.06																		
3.30	7	4.54	7	.27	7	3.07	7	7.13	7	.32	7	3.12	7	10.01	4	.04	4	.21	4	.04	4	.05	4	.06	4	.06	4	.06	4	.06	4	.06																		
3.33	8	4.57	8	.31	8	3.21	8	7.26	8	.36	8	3.21	8	11.49	8	.36	5	.27	5	.06	5	.07	5	.08	5	.12	5	.08	5	.15	5	.05	5	.71																
3.36	9	4.61	9	.35	9	3.31	9	7.39	9	.41	9	3.37	9	12.07	9	.41	6	.35	6	.08	6	.04	6	.09	6	.10	6	.15	6	.10	6	.14	6	.71	6	.97														
3.40	10	4.64	10	.39	10	3.41	10	7.52	10	.45	10	2.50	10	12.20	10	.45	7	.11	7	.05	7	.11	7	.12	7	.12	7	.18	7	.24	7	.24	7	.24	7	.24														
3.43	11	4.67	11	.44	11	3.52	11	7.65	11	.50	11	3.63	11	12.33	11	.50	11	.13	8	.53	8	.14	8	.07	8	.14	8	.15	8	.22	8	.14	8	.24	8	.30	8	.16	8	.24	8	.24								
3.46	16.0	4.71	16.0	.49	16.0	3.63	16.0	7.78	16.0	12.46	16.0	.55	16.0	3.76	16.0	.55	9	.64	9	.17	9	.11	9	.17	9	.18	9	.24	9	.16	9	.30	9	.25	9	.12	9	.21	9	.21										
3.50	1	4.74	1	.53	1	3.73	1	7.47	1	12.50	1	.60	1	3.89	1	12.50	1	.60	1	2.89	1	1.19	10	.76	10	.21	10	.15	10	.10	10	.14	10	.09	10	.11	10	.07	10	.07	10	.07								
3.53	2	4.77	2	.59	2	3.84	2	8.04	2	12.59	2	.65	2	4.03	2	12.59	2	.65	2	4.03	10	.19	10	.76	10	.21	10	.21	10	.21	10	.19	10	.37	10	.10	10	.26	10	.07	10	.07								
3.56	3	4.81	3	.65	3	3.45	3	8.17	3	12.58	3	.70	3	4.17	3	12.58	3	.70	3	4.17	11	.22	11	.89	11	.22	11	.19	11	.23	11	.24	11	.24	11	.22	11	.22	11	.22	11	.22								
3.60	4	4.84	4	.71	4	4.06	4	8.30	4	12.65	4	.76	4	4.31	4	12.65	4	.76	4	4.31	10	.25	10	1.04	10	.29	10	.25	10	.26	10	.28	10	.38	10	.25	10	.54	10	.20	10	.37	10	.21						
3.64	5	4.87	5	.77	5	4.17	5	8.43	5	12.65	5	.82	5	4.96	5	12.65	5	.82	5	4.96	1	.28	1	1.20	1	.33	1	.28	1	.32	1	.32	1	.28	1	.43	1	.25	1	.28	1	.25	1	.25						
3.67	6	4.91	6	.83	6	4.28	6	8.56	6	.88	6	4.61	6	5.6	6	4.28	6	.88	6	4.61	2	.31	2	1.36	2	.38	2	.31	2	.37	2	.50	2	.32	2	.74	2	.16	2	.32	2	.48	2	.22						
3.71	7	4.94	7	.90	7	4.39	7	8.64	7	.94	7	4.76	7	5.6	7	4.39	7	8.64	7	.94	7	4.76	3	.35	3	1.52	3	.43	3	.35	3	.48	3	.42	3	.56	3	.37	3	.87	3	.42	3	.54	3	.37				
3.74	Total	5.01	8	.97	8	4.50	8	8.82	8	1.00	8	4.92	8	6.0	8	4.50	8	8.82	8	1.00	8	4.92	4	.39	4	1.66	4	.48	4	.39	4	.54	4	.47	4	.62	4	.42	4	.97	4	1.66	4	.41	4	.60				
3.78			9	1.04	9	4.61	9	8.95	9	1.07	9	5.08	9	6.1	9	1.04	9	8.95	9	1.07	9	5.08	5	.45	5	1.74	5	.54	5	.45	5	.61	5	.52	5	.52	5	.50	5	.47	5	1.04	5	.29	5	.56	5	.52		
3.82			10	1.11	10	4.72	10	9.08	10	1.14	10	5.25	10	6.2	10	1.11	10	9.08	10	1.14	10	5.25	6	.47	6	2.00	6	.60	6	.50	6	.68	6	.58	6	.58	6	.76	6	.52	6	1.14	6	.47	6	1.17	6	.50	6	.72
3.85			11	1.14	11	4.83	11	9.21	11	1.21	11	5.92	11	6.3	11	1.14	11	9.21	11	1.21	11	5.92	7	.51	7	2.17	7	.66	7	.56	7	.75	7	.64	7	.64	7	.84	7	.58	7	.76	7	.54	7	.82	7	.58		
3.88			12	1.27	12	5.0	12	9.34	12	2.0	12	1.29	12	5.0	12	5.59	12	2.0	12	1.29	12	5.0	8	.55	8	2.34	8	.72	8	.62	8	.82	8	.70	8	.70	8	.42	8	.64	8	.70	8	16.73	8	3.46	8	8.35		
3.92			13	1.35	13	5.05	13	9.47	13	1.36	13	5.76	13	6.0	13	1.35	13	9.47	13	1.36	13	5.76	9	.60	9	2.51	9	.78	9	.68	9	.89	9	.76	9	.76	9	.76	9	.76	9	.76	9	.76	9	.76	9	.76		
3.97			14	1.43	14	5.16	14	9.60	14	1.44	14	5.93	14	6.2	14	1.43	14	9.60	14	1.44	14	5.93	10	.65	10	2.08	10	.85	10	.75	10	1.07	10	.83	10	.83	10	1.08	10	.76	10	1.06	10	1.93	10	.69	10	9.81		
4.00			15	1.51	15	5.28	15	9.73	15	1.52	15	6.11	15	6.4	15	1.51	15	9.73	15	1.52	15	6.11	11	.60	11	2.86	11	.92	11	.82	11	1.15	11	.90	11	.90	11	1.18	11	.80	11	1.86	11	9.48	11	9.11				
4.04			16	1.59	16	5.34	16	9.86	16	1.60	16	6.29	16	6.5	16	1.59	16	9.86	16	1.60	16	6.29	10	.65	10	2.08	10	.85	10	.75	10	1.07	10	.83	10	.83	10	1.08	10	.76	10	1.06	10	1.93	10	.69	10	9.81		
4.07			17	1.66	17	5.50	17	9.94	17	1.68	17	6.46	17	6.7	17	1.66	17	9.94	17	1.68	17	6.46	11	.70	11	2.86	11	.92	11	.82	11	1.15	11	.90	11	.90	11	1.18	11	.80	11	1.86	11	9.48	11	9.11				
4.11			18	1.77																																														



Destroyer No. 143 - Yarnall  
C + R No. 74421 = P

**ACTION**  
**THE WM. CRAMP & SONS S. & E. B. CO.**  
**PHILADELPHIA, PA.**  
**DRAUGHTING OFFICE, CONSTR. DEPT.**

BOOMLET PLAN				
SHEET NO 2				
CALE 1/4 FOOT		DATE JUNE 10 <sup>TH</sup> 1918		
ST	SD	SE	SW	E.M.
DELIN.	TRAG	DISCH	CH.C	CR
DR. No H-68421				

Digitized by srujanika@gmail.com

4100 JANUARY 22, 1943

## CHARGE

## MATERIAL

**ALTERATION  
DESCRIPTION**

HED.	AS SCHED.		
CHARGE		ORDER DATE	COMPLY ERETION

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ACTION  
THE WM. CRAMP & SONS S. & E. B. CO.  
PHILADELPHIA PA.  
DRAUGHTING OFFICE CONSTR. DEPT.

This technical deck plan illustrates the layout of the U.S.T.B.D DESTROYER YARNALL DD143, focusing on the bridge, galley top, after deck house, and platform deck areas.

**Bridge, Galley Top, After Deck House, and Platform Deck:**

The plan shows the following key features:

- Bridge:** Located at the top left, featuring a steering wheel, standard compass, fire control platform, searchlight platform, and various equipment like fuel oil tanks, batteries, and berths.
- Galley Top:** Located at the top right, featuring a chart board, fuel oil tanks, batteries, berths, and a signal flag board.
- After Deck House:** Located at the bottom left, featuring a crew wash room, deck house extension, and laundry facilities.
- Platform Deck:** Located at the bottom right, featuring a 4" R.F. gun mount, fuel oil tanks, batteries, berths, and a signal platform.

**Other Labels:**

- SCH LT PFM, SCH LT CONTROL PFM, FIRE CONTROL PFM
- BRIDGE, GALLEY TOP, AFTER DECK HOUSE AND PLATFORM DECK.
- U.S.T.B.D DESTROYER YARNALL DD143
- SCALE
- COFFERDAM A-116
- RUNNING LIGHT
- FIRE CONTROL PLATFORM
- SEARCH LIGHT PLATFORM
- AUX RADIO ROOM
- DEPTH CHARGES
- GASOLINE DRUMS
- STANDARD COMPASS
- VENT
- HULL NO. 452-455
- MASTER GYRO COMPASS ENCLOSURE
- TO A-104
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U.S.T.B. DESTROYER YARNALL DD 143

HOLD

FRESH WATER TANK B-104

COFFER DAM A-116

AMMUNITION D-106M

STORES D-107

STORES D-108

WARHEAD A-112 M

SMALL ARMS AMM. A-106 M

LUB. OIL STOWAGE TANK

FUEL OIL A-102

FUEL OIL D-102

FUEL OIL A-104

FUEL OIL D-104

FUEL OIL A-105

FUEL OIL D-105

FUEL OIL A-106

FUEL OIL D-106

FUEL OIL A-107

FUEL OIL D-107

FUEL OIL A-108

FUEL OIL D-108

FUEL OIL A-109

FUEL OIL D-109

FUEL OIL A-110

FUEL OIL D-110

MAIN CONDENSER

REDUCTION BEAR

AIR LOCK

L.P. TURBINE

RESERVE FEED TANK C-101

BOILER ROOM C-102

H.P. TURBINE

REDUCTION GEAR

PEAK TANK D-106

PEAK TANK D-107

PEAK TANK D-108

PEAK TANK D-109

PEAK TANK D-110

PEAK TANK D-111

PEAK TANK D-112

FEED FILTER TANKS

MAIN CONDENSER

REDUCTION GEAR

PEAK TANK D-106

PEAK TANK D-107

PEAK TANK D-108

PEAK TANK D-109

PEAK TANK D-110

PEAK TANK D-111

PEAK TANK D-112

HEAD BOOT FOR VOICE TUBE

FUEL OIL A-103

FUEL OIL A-104

FUEL OIL A-105

FUEL OIL A-106

FUEL OIL A-107

FUEL OIL A-108

FUEL OIL A-109

FUEL OIL A-110

FUEL OIL A-111

FUEL OIL A-112

FUEL OIL A-113

FUEL OIL A-114

FUEL OIL A-115

FUEL OIL A-116

4 AMMUNITION A-105M

ENGINEERS STORES

FRESH WATER TANK

Destroyer No. 143: Yarnall

C+R No. 74421-C

# HARGE

## MATERIAL

# ITERATION

**CHARGE**

*457-47	AS SCHED.	AS SCHED.			
#455	AS SCHED.	AS SCHED.			
L#454	AS SCHED.	AS SCHED.			
#453	AS SCHED.	AS SCHED.			
*452	AS SCHED.	AS SCHED.			
L#451	AS SCHED.	AS SCHED.			
L*450	AS SCHED.	AS SCHED.			
JOB	REMARKS	CHARGE	ORDER DATE	COMPLETE FOR EXECUT	
ORDERS					

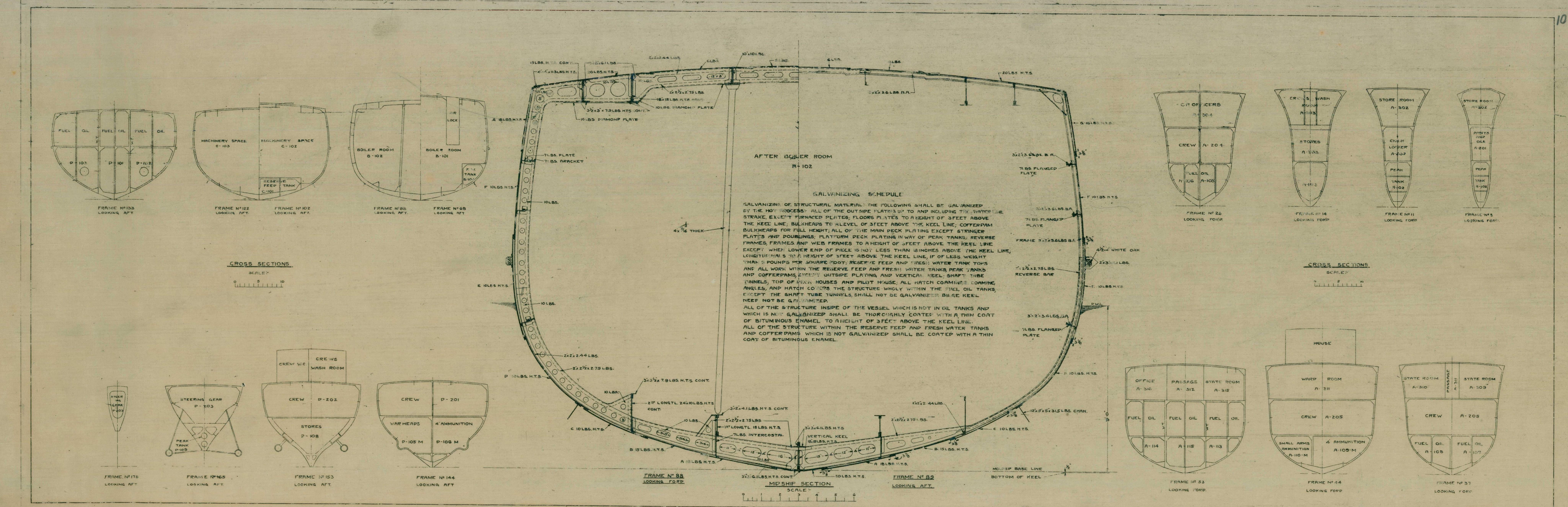
**ACTION**  
**THE WM. CRAMP & SONS S. & E. B. CO.**  
**PHILADELPHIA, PA.**  
**DRAUGHTING OFFICE, CONSTR. DEPT.**

BOOKLET PLANT  
PHEET NO. 4.

LIN. | TRAC. | CHECK | CHP. | CR. | ISS. I.D.R. - N.A.

R. No. H- 68423

LIN. | TRAC. | CHECK | CHP. | CR. | ASSIST. R. - N.A.  
R. No. H-68423



destroyer No. 145 Yarnall  
B# 74421-①